# South Carolina End-of-Course Examination Program (EOCEP) User's Guide for Score Reports







South Carolina
Department of Education





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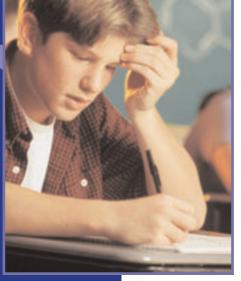


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# THE END-OF-COURSE EXAMINATION PROGRAM



Letter Grade Equivalent	Scale Score Range
Α	93-100
В	85-92
С	77-84
D	70-76
F	0-69

The Education Accountability Act of 1998 requires end-of-course examinations in gateway or benchmark courses.

The examinations, when operational, count 20 percent of the students' final grades in the gateway or benchmark courses: Algebra I/Mathematics for the Technologies 2, English I, Physical Science, Biology I/Applied Biology II, and U.S. History and Constitution. For the 2003-2004 school year, only the Algebra I/Mathematics for the Technologies 2 test was operational and counted 20 percent of the student's final course grade. English I, Physical Science, and Biology I/Applied Biology II become operational and count 20 percent during the 2004-2005 school year.

# **Score Levels for End-of-Course Tests**

Scores on the EOCEP tests are reported on a scale consistent with the South Carolina Uniform Grading Scale, which ranges from 0 to 100. Each numeric score has a Letter Grade Equivalent, as shown in the table at the right.

# **Types of Test Items**

The End-of-Course tests include multiple-choice items only. Multiple-choice items require students to select a correct answer from several reasonable alternatives or options.

# **EOCEP** as Criterion-Referenced Measures

The EOCEP tests are criterion-referenced; this means that these tests measure student performance against established criteria or curriculum standards. EOCEP test items correspond to the state curriculum standards published for each subject area. Accordingly, the best preparation for standards-based assessments, like EOCEP, is high-quality, standards-based classroom instruction throughout the school year. Undue emphasis on test preparation, in isolation, is not sound instructional practice.

## **EOCEP SCORE REPORTS**

This guide describes the various EOCEP score reports. The data in these reports are for illustrative purposes only and are not intended to reflect performance of any student(s) in South Carolina. Users of the data should remember that test data constitute a single source of information that should be used in conjunction with other relevant information to evaluate educational quality.

# **Types of Score Reports**

Score reports are generated for each district and school. The following charts list the types of EOCEP reports (and the number of copies) each district and school receives after each administration.

Table 1: EOCEP Operational Score Reports (Produced for each Fall, Spring, and Summer Administration)

Reports to the District	Reports to School			
District Roster (1 copy)	School Roster (I copy)			
School Roster (I copy of each school)	Class Summary Report (2 copies)			
CDRom/Diskette — PDF of All Reports	Class Roster (2 copies)			
Listed in Table I	Individual Student Reports (2 copies)			
CDRom/Diskette — Student Data File	Student Labels (1 set)			

Table 2: Cumulative EOCEP Operational Score Reports (Produced Once Per Year: Combination of the Fall, Spring, and Summer Administrations)

Reports to the District	Reports to the School
District Summary Report (1 copy)	School Summary Report (1 copy)
District Summary by Grade Level (1 copy)	School Summary by Grade Level (1 copy)
District Demographic Report (1 copy)	School Demographic Report (1 copy)
District Report Summary by School (I copy)	
School Summary Report (I copy)	
School Summary by Grade Level (I copy)	
School Demographic Reports (1 copy)	
CDRom/Diskette — PDF of All Reports Listed in Table 2	
CDRom/Diskette — Student Data File	

In addition to the reports listed to the left, districts will receive one copy of each of the following reports after the summer administration: District Summary Report, District Summary by Grade Level, District Demographic Report, District Report Summary by School. These reports include scores from all three administrations (fall, spring and summer) for the year.

# INDIVIDUAL STUDENT REPORT (ISR) AND STUDENT LABEL

# **General Description of the Reports**

Individual student results are provided in two different formats: Individual Student Reports (ISRs) and student labels. For 2003-04, ISRs and student labels were produced for the Algebra I / Mathematics for the Technologies 2 test only.

Schools receive two copies of each ISR – one home copy and one school copy – and one student label for each student tested. In order to be considered tested for a particular subject, a student must have answered at least one question on the test for that subject.

Individual Student Reports and student labels for home school students are packaged with the district's reports.

**Individual Student Report (ISR)** – The ISR includes the student's "Total Scale Score" and "Letter Grade Equivalent." The scale score will count as 20 percent of the student's final course grade.

A description of the curriculum standards tested is provided in the lower half of the report.

**Student Label** – The student label indicates the student's total "Scale Score" and "Letter Grade" equivalent.



## **Individual Student Report**

Algebra 1 / Mathematics for the Technologies 2

Fall 2003 SCHOOL COPY

### **BETHANIE G. ROBERTS**

Student ID: 150000753214 Birth Date: 01/22/89

Grade Level: 9 Course Number: 4111 School: MIDDLEVILLE HIGH District: MIDDLEVILLE BEDS Code: 9999001 Teacher: COTTEN, L. D. -01

2

Total Scale Score: 85\*

Scale Score Range: 0 - 100



3 Letter Grade Equivalent: B

• The Scale Score is not the percentage of test questions answered correctly

BETHANIE's total scale score on the test is 85 which is equivalent to a letter grade of B on the South Carolina Uniform Grading Scale. The score of 85 will count as 20% of BETHANIE's final course grade.

4

The Algebra 1 / Mathematics for the Technologies 2 test BETHANIE took is based on the curriculum standards shown below. These standards were distributed to students on the first day of the course.

- I. Understanding Functions
  - A. Relationships
  - B. Linear and Quadratic Functions and Data Representations
  - C. Generalizations, Algebraic Symbols, and Matrices
  - D. Algebraic Expressions in Problem Solving Situations
- II. Linear Functions
  - A. Representations
  - B. Interpretations
  - C. Equations and Inequalities
  - D. Systems of Linear Equations
- III. Quadratic and Other Functions
  - A. Quadratic Functions
  - B. Other Functions

Please contact the teacher or school for further information.

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# **Description of the Sample Individual Student Report**

Student and school information appear at the top of the report.

- Scale Score Range: The "Scale Score Range" indicates the lowest and the highest total scale scores that can be attained on the test. The Scale Score Range for the EOCEP tests is 0 -100.
- 2. Total Scale Score: The "Total Scale Score" is the scale score attained by the student on the test. In the sample report, Bethanie's total scale score on the Algebra I/Mathematics for the Technologies 2 test is 85. The score of 85 will count as 20 percent of Bethanie's final course grade. The scale score is not the percentage of test questions answered correctly.
- 3. Letter Grade Equivalent: The "Letter Grade Equivalent" is the letter grade equivalent to the student's scale score. Bethanie's scale score of 85 is equivalent to a letter grade of B on the South Carolina Uniform Grading Scale.
- **4. Curriculum Standards:** The curriculum standards tested are printed on the lower half of the report.

# **Description of the Sample Student Label**

**I. Student Demographic Information:** The student's name appears on the first line of the label. The second line indicates the name of the school where the student was tested.

The third and fourth lines of the label provide the student demographic information. The next line provides the name of the test and the course number reported on the Class Sheet.

- 2. Scale Score: The student's total scale score for Algebra I /Mathematics for the Technologies 2 test appears next to the heading "Scale Score." For example, Bethanie's scale score on the test is 85.
- **3. Letter Grade:** The "Letter Grade" is the letter grade determined to be equivalent to the student's scale score. Bethanie's scale score of 85 is equivalent to a letter grade of B on the South Carolina Uniform Grading Scale.

# ROBERTS, BETHANIE G.

MIDDLEVILLE HIGH - 9999001

Test Date: Fall 2003 Grade Level: 9 Student ID: 150000753214 DOB: 01/22/89

Algebra 1 / Mathematics for the Technologies 2 (4111)



Scale Score: 85

Letter Grade: B



# **School Roster**

SCHOOL: MIDDLEVILLE HIGH DISTRICT: MIDDLEVILLE BEDS CODE: 9999001 TEST DATE: Fall 2003

Algebra 1 / Mathematics for the Technologies 2

PAGE: 1



Scale Score Range: 0 - 100

Student Name	Student ID Number	Gender	Ethnicity	Birth Date	Grade Level	Teacher Name	Scale Score**	Letter Grade+	Course Number
ARNOLD, JORDAN B.	150000265478	М	W	04/08/87	10	WEBB, D. C02 3	75	D	3142-TEC
BLACK, COLBY F.	150000757575	М	W	01/30/86	12	COTTEN, L. D01	79	С	4111-Alg
BRADLEY, DUSTIN O.	150000695841	М	W	03/25/86	10	WEBB, D. C02	59 4	F	3142-TEC
BRYANT, CRYSTAL D.	150000686868	F	W	05/12/88	9	COTTEN, L. D01	81	С	4111-Alg
BUSH, SAVANNAH P.	150000656548	F	W	05/03/86	10	WEBB, D. C02	76	D	3142-TEC
CLARK, LORENZO L.	150000233535	М	В	06/10/87	10	WEBB, D. C02	71	D	3142-TEC
COHN, BRETT N.	150000686547	F	W	02/08/88	10	WEBB, D. C02	71	D	3142-TEC
COOPER, DONTAY M.	150000951623	М	В	05/01/86	10	WEBB, D. C02	59	F	3142-TEC
CULLEN, ASHLEY U.	150000458523	F	W	09/06/85	10	WEBB, D. C02	80	С	3142-TEC
GILBERT, WILLIAM A.	150000753869	M	W	04/06/87	10	WEBB, D. C02	72	D	3142-TEC
GORDON, CORY G.	150000010147	М	В	08/26/86	10	WEBB, D. C02	66	F	3142-TEC
GREEN, JACOB J.	150000747489	M	W	09/17/87	10	COTTEN, L. D01	75	D	4111-Alg
HANSEN, ANGELA S.	150000798741	F	W	11/14/86	10	WEBB, D. C02	76	D	3142-TEC
HARRIS, DUSTIN A.	150000741236	M	W	06/23/88	10	WEBB, D. C02	84	С	3142-TEC
HILL, JESSICA F.	150000002314	F	W	09/06/86	10	WEBB, D. C02	77	С	3142-TEC
JENSEN, ASHLEY D.	150000006586	F	W	09/02/86	10	WEBB, D. C02	74	D	3142-TEC
MCDONALD, FELISHA E.	150000060585	F	W	07/23/88	10	WEBB, D. C02	71	D	3142-TEC
MEYER, HEATHER R.	150000012365	F	W	05/11/87	10	WEBB, D. C02	85	В	3142-TEC
MILDER, KEVIN W.	150000369258	M	W	09/07/88	9	COTTEN, L. D01	96	A	4111-Alg
MILLER, ALEAH R.	150000353535	F	W	12/16/88	9	COTTEN, L. D01	80	С	4111-Alg

Ethnic codes: B=African American, BI=African American/American Indian, I=American Indian, A=Asian, P=Hawaiian/Pacific Islander, H=Hispanic, W=White, WB=White/African American, WI=White/American Indian, WA=White/Asian, O=Other

<sup>\*\*</sup> The Scale Score is not the percent of test questions answered correctly. + The Letter Grade is based on the South Carolina Uniform Grading Scale.

ALG = Algebra 1, TEC = Mathematics for the Technologies 2

### **ROSTERS**

# **General Description of the Reports**

Student rosters are generated at the district, school, and class levels. These reports contain demographic data and test results for each student listed on the roster. Rosters are produced with students listed alphabetically. Rosters listing all home school students tested in the district are listed on a separate roster provided in the district's set of reports.

**District Roster** All students in district.

**School Roster** All students in school.

Class Roster All students in class.

(Class information is determined from the EOCEP School/Class Header Sheet).

# **Description of the Sample Rosters**

- I. Scale Score Range: The "Scale Score Range" indicates the lowest and highest scale scores that can be attained on the test. The scale score range is 0 -100 for the EOCEP tests.
- 2. Student Demographic Information: Student demographic categories are printed in columns across the top of the roster. The student's name appears in the first column followed by the student ID number. The remaining columns of demographic information provide codes for gender, ethnicity, birth date, and grade level.
- **3. Teacher Name:** The teacher name is provided on the school roster. School name is provided on the district roster. According to the sample report, Colby is enrolled in L.D. Cotten's class.
- **4. Scale Score:** The roster indicates the Scale Score for each student. According to the sample report, Colby received a scale score of 79 on the Algebra 1/ Mathematics for the Technologies 2 test.

**Letter Grade:** The student's "Letter Grade" is the letter grade equivalent for the scale score. The sample report indicates that Colby's scale score is equivalent to a C on the South Carolina Uniform Grading Scale.

- 5. Course Number: The roster includes the Course Number provided on the School/Class Header Sheet. According to the sample report, Colby was enrolled in Course 4111.
- Footnotes: Pertinent footnotes are provided at the bottom of the report.



# School Summary Report

SCHOOL: MIDDLEVILLE HIGH MIDDLEVILLE BEDS CODE: 9999001 TEST DATE: Fall 2003

PAGE: 1

Algebra 1 / Mathematics for the Technologies 2

Scale Score Range: 0 - 100

			All Courses	Algebra 1 (2111)	Algebra 1 (4111)	Math Tech 2 (3142)	Other Courses
2	Students Tested	Number	20	7	7	3	3
	Ale (askes)	Number	6	2	2	**	**
	A's (school)	Percent	30.0	28.6	28.6	**	**
	Ric (ashasi)	Number	3		1	**	**
	B's (school)	Percent	15.0		14.3	**	**
3	Clo (asksal)	Number	6	4	2	**	**
	C's (school)	Percent	30.0	57.1	28.6	**	**
	Dio (cabasi)	Number	3		1	**	**
	D's (school)	Percent	15.0		14.3	**	**
	El ( ) D	Number	2	1	1	**	**
	F's (school)	Percent	10.0	14.3	14.3	**	**
4	Mean Scale Score * (school)		83.4	80.7	83.4	**	**
T	Median Scale Score * (school)		79.0	79.0	79.0	**	**
	Highest Scale Score * (school)		100	100	100	**	**
	Lowest Scale Score * (school)		57	57	65	**	**

<sup>\*</sup> The Scale Score is not the percent of test questions answered correctly.
\*\* Data not reported if number tested is less than 6.

## **SUMMARY REPORTS**

# **General Description of the Reports**

Summary reports are generated at the district, school, and class levels. The scores of home school students are not included in any summary reports. District summaries will only be provided following the summer administration. This summary will include scores from all three administrations for the year.

# **Description of Sample Summary Report**

- I. Scale Score Range: The "Scale Score Range" indicates the lowest and highest possible scale scores that can be attained on the test. The scale score range for the EOCEP tests is 0-100.
- **2. Students Tested:** "Students Tested" reports the number of students in the district, school, or class who took the test. Descriptive statistics are reported if at least six students in the course were tested. Courses with fewer than six students tested are designated with double asterisks.
- **3. Letter Grade Equivalent:** The percent and number of students in the group (district, school, or class) with scores in each Letter Grade Equivalent category (A, B, C, D, F) are reported.

According to the sample report, 6 students or 30 percent of the students tested in the school received a C. Four of those students were enrolled in Algebra 1 in grade 8 (2111), and 2 students were enrolled in Algebra 1 in high school (4111).

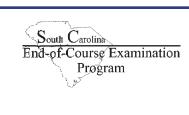
The number and percent are left blank to indicate that no students scored in that Letter Grade Equivalent category. For example, no grade 8 Algebra 1 (2111) students scored a B on the test.

# 4. Descriptive Statistics

**Mean Scale Score:** This statistic indicates the "average" scale score for the group of students. In the sample report, the mean scale score for the 20 students in the school who took the Algebra I/Mathematics for the Technologies 2 test was 83.4.

**Median Scale Score:** The median is the mid-point of a distribution of scores ranked from the lowest to highest. For the 20 students in the sample school who took the Algebra 1/Mathematics for the Technologies 2 test, the median scale score was 79.

**Highest/Lowest Scale Score:** These statistics indicate the highest and lowest scale scores attained in the group of students. Of the 20 students in the sample school who took the Algebra I/Mathematics for the Technologies 2 test, the highest scale score was 100 and the lowest scale score was 57.



# School Summary by Grade Level

Algebra 1 / Mathematics for the Technologies 2

SCHOOL: MIDDLEVILLE HIGH

DISTRICT: MIDDLEVILLE

BEDS CODE: 9999001

TEST DATE: Fall 2003

PAGE: 1

Scale Score Range: 0 - 100

•	All Courses			1 (2111)	Algebra	1 (4111)		tics for the les 2 (3142)	Other Courses		
Grade Level	Number Tested	Mean Scale Score *	Number Tested	Mean Scale Score *							
7	20	83.4	7	80.7	7	83.4	3	**	3	**	
8											
9											
10											
11											
12											
Adult Ed.											
Other											

<sup>\*</sup> The Scale Score is not the percent of test questions answered correctly.
\*\* Data not reported if number tested is less than 6.

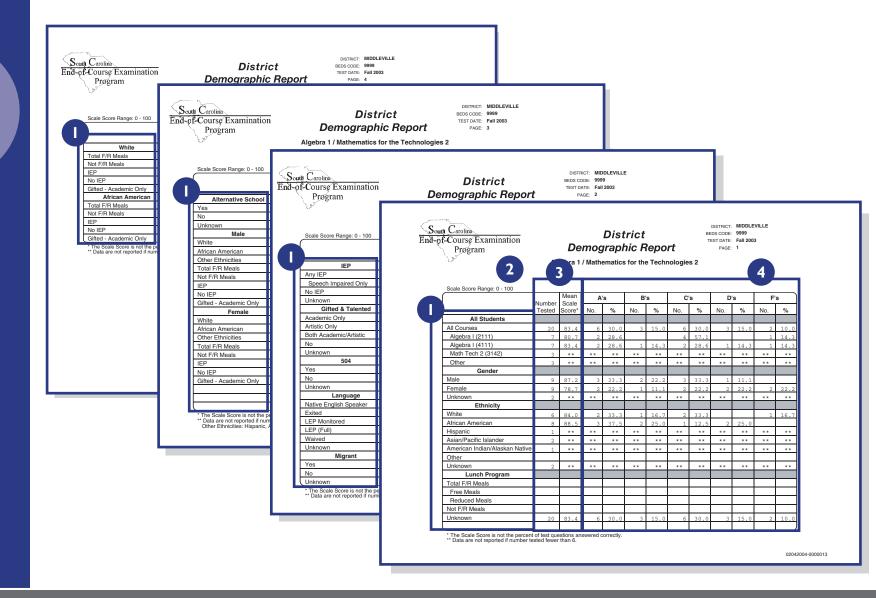
### **SUMMARY BY GRADE LEVEL REPORT**

# **General Description of the Reports**

Summary reports are generated for each district and school based on the students who took the test at each grade level. The scores of home school students are not included in any summary reports.

# **Description of the Sample Summary by Grade Level Report**

- **I. Scale Score Range:** The "Scale Score Range" indicates the lowest and highest possible scale scores that can be attained on the test. The scale score range for the EOCEP tests is 0 -100.
- 2. Number Tested: "Number Tested" identifies the number of students at the specific grade level in the district, school, or class who took the test. This mean is not reported if fewer than six students were tested. Courses with fewer than six students tested are designated with double asterisks.
- **3. Mean Scale Score:** This statistic indicates the "average" scale score for the group of students. In the sample report, the mean scale score for the 20 seventh graders who took the Algebra I/Mathematics for the Technologies 2 test was 83.4.



### **DEMOGRAPHIC REPORTS**

# **General Description of the Report**

Demographic reports are generated for each district and school. The reports provide a breakdown of the EOCEP test results for various student subgroups or demographic categories (e.g., male students, female students).

The scores of home school students are not included in any summary reports.

# **Description of the Sample Demographic Report**

- 1. Student Subgroups: The report begins with an All Students category, followed by student subgroups for nine demographic characteristics: gender, ethnicity, lunch program, IEP, gifted and talented program participation, 504 status, language, migrant, and alternative school program participation. These are followed by several combinations of demographic subgroups (e.g., male, white students) on page 3 of the report.
- **2. Scale Score Range:** The "Scale Score Range" indicates the lowest and highest scale scores that can be attained on the test. The scale score range for the EOCEP tests is 0 100.

### 3. Total Test Statistics

**Number Tested:** "Number Tested" reports the number of students for all courses and the number of students in each subgroup who took the test. Test statistics are reported if at least six students were tested in the category. Categories with fewer than six students tested are designated with double asterisks.

For example, of the 20 students that took the test, 6 were white, 8 were African American, 1 was Hispanic, 2 were Asian/Pacific Islander, 1 was American Indian/Alaskan native, and 2 were unknown.

**Mean Scale Score:** This indicates the scale score for each student subgroup.

On the sample report, the mean scale score for the females who took the test was 78.7.

**4. Letter Grade Equivalents:** The number and percent of students with scores in each Letter Grade Equivalent (A, B, C, D, F) are reported for each subgroup.

Of the 20 students who took the Algebra I/Mathematics for the Technologies 2 test, 6 students, or 30 percent of the students received a C on the test.



# District Report Summary by School

DISTRICT: MIDDLEVILLE

BEDS CODE: 9999
TEST DATE: Fall 2003
PAGE: 1

Algebra 1 / Mathematics for the Technologies 2

Decolo Seera Br

2

3

4

	Scale Score Range: 0 - 100						4						
BEDS		Number	Mean Scale	A's		В	s	C	s	D's		F'	s
Code	School Name	Tested	Score*	No.	%								
9999001	MIDDLEVILLE HIGH	28	80.9	6	21.4	5	17.9	7	25.0	5	17.9	5	17.9
9999002	MIDDLEVILLE MIDDLE	9	58.2					2	22.2	1	11.1	6	66.7
9999003	MIDDLEVILLE JUNIOR HIGH	19	78.2	4	21.1	2	10.5	4	21.1	4	21.1	5	26.3
9999004	MIDDLEVILLE WEST	5	**	**	**	**	**	**	**	**	**	**	**
													-
													-

<sup>\*\*</sup> The Scale Score is not the percent of test questions answered correctly.

# **SUMMARY BY SCHOOL REPORTS**

# **General Description of the Reports**

Summary reports by school are generated at the district level. The scores of home school students are not included in any summary reports.

# **Description of Sample Summary Report**

- I. Scale Score Range: The "Scale Score Range" indicates the lowest and highest possible scale scores that can be attained on the test. The scale score range for the EOCEP tests is 0-100.
- 2. Number Tested: "Number Tested" reports the number of students in the school who took the test. Descriptive statistics are reported if at least six students in the school were tested. Schools with fewer than six students tested are designated with double asterisks. In the sample report, Middleville West shows that only 5 students have been tested.
- **3. Mean Scale Score:** This statistic indicates the "average" scale score for the group of students. In the sample report, the mean scale score for the 28 students in Middleville High who took the Algebra I/Mathematics for the Technologies 2 test was 80.9.

**4. Letter Grade Equivalent:** The percent and number of students in the school, with scores in each letter grade equivalent category (A, B, C, D, F) are reported.

According to the sample report, 6 students or 21.4 percent of the students tested at Middleville High received an A.

The number and percent are left blank to indicate that no students scored in that letter grade equivalent category. For example, no Middleville Middle students scored a B on the test.



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